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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: DenBaars et al.

Serial No.: 09/528,262

Examiner: B. W. Baumeister

Filed: March 17, 2000

Art Unit: 2815

Title: MULT ELEMENT, MULTI COLOR SOLID STATE LED/LASER

Assistant Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT AND REQUEST FOR CONTINUED EXAMINATION

Sir:

The following is applicants' response to the Office Action dated May 3, 2002. Applicants' request for continued examination is filed concurrently.

Specification

Replace paragraph on page 9, line 32 to page 10, line 6, with the following:

c<sup>1</sup>  
With a bias applied across the n-type contact 31 and all p-type contacts 27, 28, and 29 (usually in the range of 3 to 4 volts), each of the active layers 21, 22 and 23 emit light omnidirectionally. Green, blue and UV light emits through the surface of the LED 20 and will also pass into the ruby substrate 32. The Cr in the substrate 32 will only absorb the UV light and as the Cr electrons return to their equilibrium state, they will emit red light. Some of the red light will emit from the LED's surface along with the green, blue, and UV light, all of which will combine to produce white light.

Specification page 11, lines 8-26:

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